

PF-0227-2 CIP

<110> Bandman, Olga
Lal, Preeti G.

<120> PROSTATE-ASSOCIATED PROTEASE ANTIBODY

<130> PF-0227-2 CIP

<140> To Be Assigned

<141> Herewith

<160> 8

<170> PERL Program

<210> 1

<211> 283

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 556016

<220>

<221> unsure

<222> 235

<223> unknown or other

<400> 1

Met	Lys	Leu	Asn	Thr	Ser	Ala	Gly	Asn	Val	Asp	Ile	Tyr	Lys	Lys
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Leu	Tyr	His	Ser	Asp	Ala	Cys	Ser	Ser	Lys	Ala	Val	Val	Ser	Leu
				20					25					30
Arg	Cys	Ile	Ala	Cys	Gly	Val	Asn	Leu	Asn	Ser	Ser	Arg	Gln	Ser
				35					40					45
Arg	Ile	Val	Gly	Gly	Glu	Ser	Ala	Leu	Pro	Gly	Ala	Trp	Pro	Trp
				50					55					60
Gln	Val	Ser	Leu	His	Val	Gln	Asn	Val	His	Val	Cys	Gly	Gly	Ser
				65					70					75
Ile	Ile	Thr	Pro	Glu	Trp	Ile	Val	Thr	Ala	Ala	His	Cys	Val	Glu
				80					85					90
Lys	Pro	Leu	Asn	Asn	Pro	Trp	His	Trp	Thr	Ala	Phe	Ala	Gly	Ile
				95					100					105
Leu	Arg	Gln	Ser	Phe	Met	Phe	Tyr	Gly	Ala	Gly	Tyr	Gln	Val	Glu
				110					115					120
Lys	Val	Ile	Ser	His	Pro	Asn	Tyr	Asp	Ser	Lys	Thr	Lys	Asn	Asn
				125					130					135
Asp	Ile	Ala	Leu	Met	Lys	Leu	Gln	Lys	Pro	Leu	Thr	Phe	Asn	Asp
				140					145					150
Leu	Val	Lys	Pro	Val	Cys	Leu	Pro	Asn	Pro	Gly	Met	Met	Leu	Gln
				155					160					165
Pro	Glu	Gln	Leu	Cys	Trp	Ile	Ser	Gly	Trp	Gly	Ala	Thr	Glu	Glu
				170					175					180
Lys	Gly	Lys	Thr	Ser	Glu	Val	Leu	Asn	Ala	Ala	Lys	Val	Leu	Leu
				185					190					195
Ile	Glu	Thr	Gln	Arg	Cys	Asn	Ser	Arg	Tyr	Val	Tyr	Asp	Asn	Leu
				200					205					210
Ile	Thr	Pro	Ala	Met	Ile	Cys	Ala	Gly	Phe	Leu	Gln	Gly	Asn	Val
				215					220					225
Asp	Ser	Cys	Gln	Gly	Asp	Ser	Gly	Gly	Xaa	Leu	Val	Thr	Ser	Lys
				230					235					240
Asn	Asn	Ile	Trp	Trp	Leu	Ile	Gly	Asp	Thr	Ser	Trp	Gly	Ser	Gly
				245					250					255
Cys	Ala	Lys	Ala	Tyr	Arg	Pro	Gly	Val	Tyr	Gly	Asn	Val	Met	Val
				260					265					270
Phe	Thr	Asp	Trp	Ile	Tyr	Arg	Gln	Met	Arg	Ala	Asp	Gly		

275

280

<210> 2
 <211> 1077
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 556016

<220>
 <221> unsure
 <222> 9-10, 804
 <223> a, t, c, g, or other

<400> 2
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 cccgggtcga cccacgcgtc cgagcggatc caccagcttt atgaaactga acacaagtgc 120
 cggcaatgtc gatattctata aaaaactgta ccacagtgat gcctgttctt caaaagcagt 180
 ggtttcttta cgctgtatag cctgcggggg caacttgaac tcaagccgcc agagcaggat 240
 cgtgggcggc gagagcgcgc tcccgggggc ctggccctgg caggtcagcc tgcacgtcca 300
 gaacgtccac gtgtgcggag gctccatcat caccctcgag tggatcgtga cagccgcca 360
 ctgcgtggaa aaacctctta acaatccatg gcattggacg gcatttgagg ggattttgag 420
 acaatctttc atgttctatg gagccggata ccaagtagaa aaagtgattt ctcattccaaa 480
 ttatgactcc aagaccaaga acaatgacat tgcgctgatg aagctgcaga agcctctgac 540
 tttcaacgac ctagtgaaac cagtgtgtct gcccaacca ggcatgatgc tgcagccaga 600
 acagctctgc tggatttccg ggtggggggc caccgaggag aaagggaaga cctcagaagt 660
 gctgaacgct gccaaagggtc ttctcattga gacacagaga tgcaacagca gatatgtcta 720
 tgacaacctg atcacaccag ccatgatctg tgccggcttc ctgcagggga acgtcgattc 780
 ttgccagggt gacagtggag ggcntctggt cacttcgaag aacaatatct ggtggctgat 840
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 tgtgatggta ttacaggact ggatttatcg acaaatgagg gcagacggct aatccacatg 960
 gtcttcgtcc ttgacgtcgt ttacaagaa aacaatgggg ctgggtttgc ttccccgtgc 1020
 atgatttact cttagagatg attcagaggc cacttcattt ttattaaaca gtgaact 1077

<210> 3
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 556016H1

<220>
 <221> unsure
 <222> 136
 <223> a, t, c, g, or other

<400> 3
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 acatccagag taagtttgag gacctgaata agcgcaaga caccaaggag atctacacgc 120
 acttcacgtg cgccanccga caaccaagaa cgtgcagttc gtgtttgacg ccgtcaccga 180
 tgtcatcatc aagaacaacc tgaaggactg cggcctcttc tgaggggagc cggggcctgg 240
 cgggatgggc caccgccgac tttgtacccc 270

<210> 4
 <211> 256
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 842889H1

<400> 4

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ccgggtgggg ggccaccgag gagaaaggga agacctcaga agtgctgaac gctgccaagg 180
tgcttctcat tgagacacag agatgcaaca gcagatatgt ctatgacaac ctgatcacac 240
cagccatgat ctgtgc 256

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<210> 5

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 991163H1

<220>

<221> unsure

<222> 8, 65, 73, 90, 172, 179, 192, 199, 223, 241, 259, 263, 285

<223> a, t, c, g, or other

<400> 5

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gcgngagag cgngctcccg ggggcctggn cctggcaggt cagcctgcac gtccagaacg 120
tccacgtgtg cggaggctcc atcatcacc ccgagtggat cgtgacagcc gnccactgng 180
tggaaaaacc tnttaacant ccatggcatt ggacggcatt tngggggatt ttgagacaat 240
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<210> 6

<211> 235

<212> PRT

<213> Homo sapiens

<300>

<308> Genbank ID No: g416132

<400> 6

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Ile Val Gly Gly Ser Asp Ser Arg Glu Gly Ala Trp Pro Trp Val
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Val Ala Leu Tyr Phe Asp Asp Gln Gln Val Cys Gly Ala Ser Leu
          20          25          30
Val Ser Arg Asp Trp Leu Val Ser Ala Ala His Cys Val Tyr Gly
          35          40          45
Arg Asn Met Glu Pro Ser Lys Trp Lys Ala Val Leu Gly Leu His
          50          55          60
Met Ala Ser Asn Leu Thr Ser Pro Gln Ile Glu Thr Arg Leu Ile
          65          70          75
Asp Gln Ile Val Ile Asn Pro His Tyr Asn Lys Arg Arg Lys Asn
          80          85          90
Asn Asp Ile Ala Met Met His Leu Glu Met Lys Val Asn Tyr Thr
          95          100          105
Asp Tyr Ile Gln Pro Ile Cys Leu Pro Glu Glu Asn Gln Val Phe
          110          115          120
Pro Pro Gly Arg Ile Cys Ser Ile Ala Gly Trp Gly Ala Leu Ile
          125          130          135
Tyr Gln Gly Ser Thr Ala Asp Val Leu Gln Glu Ala Asp Val Pro
          140          145          150
Leu Leu Ser Asn Glu Lys Cys Gln Gln Gln Met Pro Glu Tyr Asn
          155          160          165
Ile Thr Glu Asn Met Val Cys Ala Gly Tyr Glu Ala Gly Gly Val
          170          175          180
Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Met Cys Gln Glu
          185          190          195
Asn Asn Arg Trp Leu Leu Ala Gly Val Thr Ser Phe Gly Tyr Gln
          200          205          210
Cys Ala Leu Pro Asn Arg Pro Gly Val Tyr Ala Arg Val Pro Arg

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	215	220	225
Phe Thr Glu Trp	Ile Gln Ser Phe Leu	His	
	230	235	

<210> 7
 <211> 262
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank ID No: g186653

<400> 7

Met Trp Phe Leu Val	Leu Cys Leu Ala Leu Ser Leu Gly Gly Thr	
1	5	10 15
Gly Ala Ala Pro Pro	Ile Gln Ser Arg Ile Val Gly Gly Trp Glu	
	20	25 30
Cys Glu Gln His Ser	Gln Pro Trp Gln Ala Ala Leu Tyr His Phe	
	35	40 45
Ser Thr Phe Gln Cys	Gly Gly Ile Leu Val His Arg Gln Trp Val	
	50	55 60
Leu Thr Ala Ala His	Cys Ile Ser Asp Asn Tyr Gln Leu Trp Leu	
	65	70 75
Gly Arg His Asn Leu	Phe Asp Asp Glu Asn Thr Ala Gln Phe Val	
	80	85 90
His Val Ser Glu Ser	Phe Pro His Pro Gly Phe Asn Met Ser Leu	
	95	100 105
Leu Glu Asn His Thr	Arg Gln Ala Asp Glu Asp Tyr Ser His Asp	
	110	115 120
Leu Met Leu Leu Arg	Leu Thr Glu Pro Ala Asp Thr Ile Thr Asp	
	125	130 135
Ala Val Lys Val Val	Glu Leu Pro Thr Gln Glu Pro Glu Val Gly	
	140	145 150
Ser Thr Cys Leu Ala	Ser Gly Trp Gly Ser Ile Glu Pro Glu Asn	
	155	160 165
Phe Ser Phe Pro Asp	Asp Leu Gln Cys Val Asp Leu Lys Ile Leu	
	170	175 180
Pro Asn Asp Glu Cys	Glu Lys Ala His Val Gln Lys Val Thr Asp	
	185	190 195
Phe Met Leu Cys Val	Gly His Leu Glu Gly Gly Lys Asp Thr Cys	
	200	205 210
Val Gly Asp Ser Gly	Gly Pro Leu Met Cys Asp Gly Val Leu Gln	
	215	220 225
Gly Val Thr Ser Trp	Gly Tyr Val Pro Cys Gly Thr Pro Asn Lys	
	230	235 240
Pro Ser Val Ala Val	Arg Val Leu Ser Tyr Val Lys Trp Ile Glu	
	245	250 255
Asp Thr Ile Ala Glu	Asn Ser	
	260	

<210> 8
 <211> 263
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank ID No: g55527

<400> 8

Met Trp Phe Leu Ile	Leu Phe Leu Ala Leu Phe Leu Gly Gly Ile	
1	5	10 15
Asp Ala Ala Pro Pro	Val Gln Ser Arg Ile Ile Gly Gly Phe Asn	
	20	25 30
Cys Glu Lys Asn Ser	Gln Pro Trp His Val Ala Val Tyr Arg Phe	
	35	40 45
Ala Arg Tyr Gln Cys	Gly Gly Val Leu Leu Asp Ala Asn Trp Val	

	50		55		60
Leu Thr Ala Ala His Cys Tyr Asn Asp Lys Tyr Gln Val Trp Leu					
	65		70		75
Gly Lys Asn Asn Arg Phe Glu Asp Glu Pro Ser Ala Gln His Gln					
	80		85		90
Leu Ile Ser Lys Ala Ile Pro His Pro Gly Phe Asn Met Ser Leu					
	95		100		105
Leu Asn Lys Asp His Thr Pro His Pro Glu Asp Asp Tyr Ser Asn					
	110		115		120
Asp Leu Met Leu Val Arg Leu Lys Lys Pro Ala Glu Ile Thr Asp					
	125		130		135
Val Val Lys Pro Ile Asp Leu Pro Thr Glu Glu Pro Thr Val Gly					
	140		145		150
Ser Arg Cys Leu Ala Ser Gly Trp Gly Ser Thr Thr Pro Thr Glu					
	155		160		165
Glu Phe Glu Tyr Ser His Asp Leu Gln Cys Val Tyr Leu Glu Leu					
	170		175		180
Leu Ser Asn Glu Val Cys Ala Lys Ala His Thr Glu Lys Val Thr					
	185		190		195
Asp Thr Met Leu Cys Ala Gly Glu Met Asp Gly Gly Lys Asp Thr					
	200		205		210
Cys Val Gly Asp Ser Gly Gly Pro Leu Ile Cys Asp Gly Val Leu					
	215		220		225
Gln Gly Ile Thr Ser Trp Gly Pro Thr Pro Cys Ala Leu Pro Asn					
	230		235		240
Val Pro Gly Ile Tyr Thr Lys Leu Ile Glu Tyr Arg Ser Trp Ile					
	245		250		255
Lys Asp Val Met Ala Asn Asn Pro					
	260				